

STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES POLICY AND PROCEDURES			P & P No. 70-4000	Page 1 OF 9
SUBJECT LIQUID TOXIC & HAZARDOUS SUBSTANCES USED FOR DEPARTMENT MATERIALS TESTING			Effective Date April 30, 1984	
			Supersedes P & P No. N/A	Dated N/A
APPROVED BY <i>[Signature]</i> 4/30/84				
DIVISION Statewide Programs	SECTION Standards and Technical Services	CHAPTER TITLE Toxic and Hazardous Substances		

PURPOSE:

To establish a procedure for the proper and uniform purchasing, using, accounting, and disposing of liquid substances classified as toxic and hazardous which are utilized in material testing processes.

POLICY:

It shall be the policy of this Department to comply with State and Federal regulations relative to toxic chemicals and hazardous waste substances including, but not limited to those listed in AS 18.60.067 & 068, and 40 CFR 261 & 262. Essentially, it shall be the responsibility for Marine Transportation, Statewide Programs, and each Departmental Region to maintain a usage record of all liquid materials classified as toxic or hazardous which are used in materials testing operations. This record shall be submitted as a quarterly report to the Division of Standards and Technical Services.

Further, to assist everyone in the control of these substances, purchases of these materials may be made only by Departmental Supply sections.

DISTRIBUTION:

All Policy and Procedures Manual Holders, all materials engineers, and all departmental construction project engineers.

PROCEDURE:

(1) The Deputy Commissioners shall designate an employee within their organization to serve as a toxic and hazardous substances coordinator for the primary purpose of assisting in Department compliance to applicable codes and regulations for these materials, and for the submission of a quarterly status report on the utilization and disposal of these materials.

(2) Quarterly status reports shall furnish data similar to that shown in the examples on page 3 of this policy. The report shall be submitted to Standards and Technical Services by the tenth of the month following the end of each quarter.

(3) All such substances shall be requisitioned from Regional supply sections through prescribed stock request procedures. Regional supply sections shall be the only section permitted to purchase these materials. (The Regional Materials Engineer shall provide and/or coordinate the necessary training for those individuals handling these materials. It is intended that only those trained in handling toxic/hazardous substances should be permitted to use them.)

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(4) Each toxic and hazardous substances coordinator shall establish regional distribution and recovery locations. The Department's Supply Officer will obtain a disposal contractor for waste toxic and hazardous substances disposal. All locations shall be in compliance with State and Federal regulations. The Regional Supply sections shall coordinate the removal of waste materials with the disposal contractor.

(5) Materials issued to a project location shall receive proper handling care. Any unused material must be returned to the designated issue point for reissue as needed. All waste (used) material must be returned to the designated waste material storage site. It shall be safely stored and properly disposed.

(6) Toxic and/or hazardous waste substances should never be combined or diluted with any other type of material.

(7) Spills - in accordance with the Department of Environmental Conservation and the Environmental Protection Agency (EPA), a spill of one (1) pound or more of these materials constitutes a reportable offense. Should this occur, the respective toxic and hazardous materials coordinator shall be contacted. Further, EPA should be contacted with spill details at either:

(907) 586-7619 (Juneau)
 (907) 271-5083 (Anchorage)

Also the Department of Environmental Conservation maintains an emergency spill 24-hour number with the Anchorage State Troopers: Zenith 9300.

(8) All areas using these materials must display the Department of Labor poster "Its Your Right To Know..." in accordance with AS 18.60.068. Also, AS 18.60.067 requires employers to make available a material safety data sheet, OSHA Form 20, or equivalent written information which is received from the materials manufacturers. Posters may be obtained from the Department of Labor or the toxic and hazardous substances coordinator.

(9) Costs for the disposal of toxic and hazardous substances shall be expensed on a per-gallon rate and shall be charged by supply by adding the cost to the purchase price. This fee shall be determined through coordination between supply and the toxic and hazardous substances coordinator. Refunds shall be given for returned usable material. These expenses should be project-specific and eligible for Federal-Aid participation on Federal projects.

(10) Shipment of these substances should also comply with applicable State and Federal regulations.

(11) Each toxic and hazardous substances coordinator will assist in any Department endeavor to seek substitutions for any toxic and/or hazardous substance presently being used.

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REPORT EXAMPLES

PROJECT / MATERIALS LAB TOXIC & HAZARDOUS SUBSTANCES REPORT (GALLONS)					
REPORT TYPE OF MATERIAL	DATE	QUARTER / YEAR / /			
		AMOUNT ISSUED OR RECEIVED	WASTE (USED) MAT'L RETURNED	UNUSED MATERIAL RETURNED	EVAPORATION

REGION TOXIC & HAZARDOUS SUBSTANCES REPORT (GALLONS)							
REPORT TYPE OF MATERIAL	DATE	QUARTER / YEAR / /					EVAP.
		AMOUNT PURCHASED	AMOUNT ISSUED	WASTE MATERIAL RECEIVED	UNUSED MATERIAL RETURNED	AMOUNT OF MATERIAL DISPOSED	

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It's Your Right to Know



about
toxic and hazardous substances



What the Right-To-Know Law Says:

1. The location and nature of an operation that could result in exposure to a hazardous or toxic substance are to be given by employers.
2. An employee safety instruction program shall inform employees of the location, purpose, proper use, and limitations of personal protective equipment used in the workplace.
3. AS 18.60.067 requires employers to make available a material safety data sheet, OSHA Form 20, or equivalent written information for a toxic or hazardous substance to which employees may be exposed. It also requires employers to remove employees from exposure to the substance if a copy of this information is not made available to the employee within 15 calendar days.
4. The Alaska Department of Labor will provide assistance to employers in the form of material safety data sheets, workplace inspections and safety seminars.
5. For more information, employers, employees, and concerned citizens may contact:

Alaska Department of Labor
Division of Labor Standards and Safety
Material Safety Data Unit
3301 Eagle Street
Anchorage, Alaska 99510
(907) 264-2599

or any local Department of Labor field office.

AS 18.60.068 requires this poster displayed in a prominent place on business premises

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April 30, 1984

Supersedes P & P No.

N/A

Dated

N/A

APPROVED BY

Don Holm 4/30/84

SUBJECT

LIQUID TOXIC & HAZARDOUS SUBSTANCES USED
FOR DEPARTMENT MATERIALS TESTING

DIVISION

Statewide
Programs

SECTION

Standards and
Technical Services

CHAPTER TITLE

Toxic and Hazardous
Substances

HAZARD CODES:

Ignitable Waste(I)
Corrosive Waste(C)
Reactive Waste(R)
EP Toxic Waste(E)
Acute Hazardous Waste(H)
Toxic Waste(T)

§ 261.32 Hazardous waste from specific sources.

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
Wood Preservatives: K001	Bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol	(T)
Inorganic Pigments:		
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments	
K003	Wastewater treatment sludge from the production of molybdate orange pigments	
K004	Wastewater treatment sludge from the production of zinc yellow pigments	
K005	Wastewater treatment sludge from the production of chrome green pigments	
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated)	
K007	Wastewater treatment sludge from the production of iron blue pigments	
K008	Oven residue from the production of chrome oxide green pigments	
Organic Chemicals:		
K009	Distillation bottoms from the production of acetaldehyde from ethylene	
K010	Distillation side cuts from the production of acetaldehyde from ethylene	
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile	
K012	Still bottoms from the final purification of acrylonitrile in the production of acrylonitrile	
K013	Bottom stream from the acrylonitrile column in the production of acrylonitrile	
K014	Bottoms from the acrylonitrile purification column in the production of acrylonitrile	
K015	Still bottoms from the distillation of benzyl chloride	
K016	Heavy ends or distillation residues from the production of carbon tetrachloride	
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin	
K018	Heavy ends from fractionation in ethyl chloride production	
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production	
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production	
K021	Aqueous spent antimony catalyst waste from fluoromethanes production	
K022	Distillation bottom tars from the production of phenol/acetone from cumene	
K023	Distillation light ends from the production of phthalic anhydride from naphthalene	
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene	
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene	
K026	Stripping still tails from the production of methyl ethyl pyridines	
K027	Centrifuge residue from toluene diisocyanate production	
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane	
K029	Waste from the product stream stripper in the production of 1,1,1-trichloroethane	
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene	
Pesticides:		
K031	By-products salts generated in the production of MSMA and cacodylic acid	
K032	Wastewater treatment sludge from the production of chlordane	
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane	
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane	
K035	Wastewater treatment sludges generated in the production of creosote	
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton	
K037	Wastewater treatment sludges from the production of disulfoton	
K038	Wastewater from the washing and stripping of phosphate production	
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phosphate	
K040	Wastewater treatment sludge from the production of phosphate	
K041	Wastewater treatment sludge from the production of toxaphene	
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T	
K043	2,6-Dichlorophenol waste from the production of 2,4-D	
Explosives:		
K044	Wastewater treatment sludges from the manufacturing and processing of explosives	
K045	Spent carbon from the treatment of wastewater containing explosives	
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds	
K047	Pink/red water from TNT operations	
Petroleum Refining:		
K048	Dissolved air flotation (DAF) float from the petroleum refining industry	
K049	Slip oil emulsion solids from the petroleum refining industry	
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry	
K051	API separator sludge from the petroleum refining industry	
K052	Tank bottoms (sludges) from the petroleum refining industry	
Leather Tanning/Finishing:		
K053	Chrome (blue) trimmings generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/ wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing.	

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SUBJECT

LIQUID TOXIC & HAZARDOUS SUBSTANCES USED
FOR DEPARTMENT MATERIALS TESTING

Supersedes P & P No. N/A Dated N/A

APPROVED BY *Ken Holitz* 4/30/84

DIVISION Statewide Programs SECTION Standards and Technical Services CHAPTER TITLE Toxic and Hazardous Substances

- K054 Chrome (blue) shavings generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing. (M)
- K055 Buffing dust generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; and through-the-blue. (M)
- K056 Sewer screenings generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing. (M)
- K057 Wastewater treatment sludges generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue and shearing. (M)
- K058 Wastewater treatment sludges generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; and through-the-blue. (R, T)
- K059 Wastewater treatment sludges generated by the following subcategory of the leather tanning and finishing industry: hair save/non-chrome tan/retan/wet finish. (R)
- Iron and Steel
- K060 Ammonia still lime sludge from coking operations
- K061 Emission control dust/sludge from the electric furnace production of steel
- K062 Spent pickle liquor from steel finishing operations
- K063 Sludge from lime treatment of spent pickle liquor from steel finishing operations
- Primary Copper: K064 Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production
- Primary Lead: K065 Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities
- Primary Zinc
- K066 Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production
- K067 Electrolytic anode slimes/sludges from primary zinc production
- K068 Cadmium plant leach residue (iron oxide) from primary zinc production
- Secondary Lead: K069 Emission control dust/sludge from secondary lead smelting

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The commercial chemical products or manufacturing chemical intermediates

are identified as acute hazardous wastes (H) and are subject to the small quantity exclusion defined in § 261.5(c). These wastes and their corresponding EPA Hazardous Waste Numbers are:

Hazardous waste No.	Substance
1080 see P058	
1081 see P057	
(Acetato)phenylmercury see P082	
Acetone cyanohydrin see P088	
P001 3-(alpha-Acetoxybenzyl)-4-hydroxycoumarin and salts	
P002 1-Acetyl-2-thiourea	
P003 Acrolein	
Agaric see P007	
Agrosan GN 5 see P082	
Aldicarb see P088	
Aldifen see P048	
P004 Aldrin	
Alginic acid see P082	
P005 Allyl alcohol	
P006 Aluminum phosphide (R)	
ALVIT see P037	
Aminoethylene see P054	
P007 5-(Aminomethyl)-3-isoxazolin	
P008 4-Aminopyridine	
Ammonium metavanadate see P119	
P009 Ammonium picrate (R)	
ANTIMUCIN WDR see P082	
ANTURAT see P073	
AQUATHOL see P068	
ARETIT see P020	
P010 Arsenic acid	
P011 Arsenic pentoxide	
P012 Arsenic trioxide	
Ativombin see P001	
AVITROL see P008	
Azirdene see P054	
AZOFCS see P061	
Azophos see P061	
BANTU see P072	
P013 Barium cyanide	
BASENITE see P020	
BCME see P016	
P014 Benzenethiol	
Benzocaprin see P050	
P015 Beryllium dust	
P016 Bis(chloromethyl) ether	
BLADAN-M see P071	
P017 Bromoacetone	
P018 Brucine	
P019 3-Eutanone peroxide	
BUFEN see P092	
Buranone see P029	

P020 2-sec-Butyl-4,5-dinitrophenol	P049 2,4-Dithioluric
P021 Calcium cyanide	DNBP see P020
CALDON see P020	DOLCO MOUSE CEREAL see P108
P022 Carbon disulfide	DOW GENERAL see P020
CERESAN see P082	DOW GENERAL WEED KILLER see P020
CERESAN UNIVERSAL see P082	DOW SELECTIVE WEED KILLER see P020
CHEMOX GENERAL see P020	DOWICIDE G see P080
CHEMOX P.E. see P020	DYANACIDE see P082
CHEM-TOL see P080	EASTERN STATES DUOCIDE see P001
P023 Chloroacetaldehyde	ELGETOL see P020
P024 p-Chloroaniline	Endosulfan
P025 1-(p-Chlorobenzoyl)-5-methoxy-2-methylindole-3-acetic acid	P050 Endrin
P026 1-(p-Chlorophenyl)thiourea	P051 Endrin
P027 3-Chloropropionitrile	Epinephrine see P042
P028 alpha-Chlorotoluene	Ethylcyanide
P029 Copper cyanide	P052 Ethylenediamine
CRETOX see P108	P053 Ethylenimine
Coumadin see P001	P054 FASCO FASCAT POWDER see P001
Coumaten see P001	FEMMA see P081
P030 Cyanides	P055 Ferric cyanide
P031 Cyanogen	P056 Fluorine
P032 Cyanogen bromide	P057 2-Fluorocetamide
P033 Cyanogen chloride	Fluoroacetic acid, sodium salt
Cyclodan see P050	FOLODOL-80 see P071
P034 2-Cychohexyl-4,5-dinitrophenol	FOLODOL M see P071
D-CON see P001	FOSFERNO M 50 see P071
DETHIMOR see P001	FRATOL see P058
DETHNEL see P001	Fuminate of mercury see P085
DFF see P043	FUNGITOX OR see P082
P035 2,4-Dichlorophenoxyacetic acid (2,4-D)	FUSSOF see P057
P036 Dichlorophenylarsine	GALLOTOX see P082
Dicyanogen see P031	GEARPHOS see P071
P037 Dieldrin	GERUTOX see P020
DIELDREX see P037	P059 Heptachlor
P038 Diethylarsine	1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-endo, endo-dimethanonaphthalene
P039 0,0-Diethyl-S-(2-(ethylthio)ethyl)ester of phosphorothioic acid	1,4,5,6,7,7-Hexachloro-cyclo-5-norbornene-2,3-dimethanol sulfite see P050
P040 0,0-Diethyl-O-(2-pyrazinyl)phosphorothioate	P061 Hexachloropropene
P041 0,0-Diethyl phosphoric acid, O-p-nitrophenyl ester	P062 Hexaethyl tetraphosphate
P042 3,4-Dihydroxy-alpha-(methylamino)-methyl benzyl alcohol	HOSTAQUICK see P082
P043 Di-isopropylfluorophosphate	HOSTAQUICK see P082
DIMETATE see P044	Hydrazomethans see P088
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-endo, endo see P080	P063 Hydrocyanic acid
P044 Dimethoate	ILLOXOL see P037
P045 3,3-Dimethyl-1-(methylthio)-2-butanone-O-[(methylamino)carbonyl] oxime	INDOCI see P025
P046 alpha, alpha-Dimethylphenethylamine	Indomethacin see P025
Dinitrocyclohexylphenol see P034	INSECTOPHENE see P050
P047 4,5-Dinitro-o-cresol and salts	Isodrin see P080
P048 2,4-Dinitrophenol	P064 Isocyanic acid, methyl ester
DINOSEB see P020	KILOSEB see P020
DINOSEBE see P020	KOP-THIOCAN see P060
Diautofon see P038	KWIK-KOL see P108
	KWIKSAN see P082
	KUMADER see P001
	KYPFARIN see P001
	LEYTOSAN see P082
	LOUPHENE see P082
	MALIK see P050
	MAREVAN see P001
	MAR-FRIN see P001
	MARTIN'D MAR-FRIN see P001
	MAVERAN see P001
	MEGATOX see P005

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Effective Date	April 30, 1984		
Supersedes P & P No.	N/A	Dated	N/A
APPROVED BY	<i>San Halide</i> 4/30/84		

SUBJECT

**LIQUID TOXIC & HAZARDOUS SUBSTANCES USED
 FOR DEPARTMENT MATERIALS TESTING**

DIVISION	Statewide Programs	SECTION	Standards and Technical Services	CHAPTER TITLE	Toxic and Hazardous Substances
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P065. Mercury luminote
 MERSOLITE see P062
 METACID 50 see P071
 METAFOS see P071
 METAPHOR see P071
 METAPHOS see P071
 METASOL 30 see P062
 P066. Methomyl
 P067. 2-Methylethridine
 METHYL-E 805 see P071
 P068. Methyl hydrazine
 Methyl isocyanate see P064
 P069. 2-Methylacetonitrile
 P070. 2-Methyl-2-(methylthio)propanaldehyde-o-
 (methylcarbonyl) oxime
 METHYL NIRON see P042
 P071. Methyl parathion
 METRON see P071
 MOLE DEATH see P108
 MOUSE-NOTS see P108
 MOUSE-RID see P108
 MOUSE-TOX see P108
 MUSCIMOL see P007
 P072. 1-Naphthyl-2-thiourea
 P073. Nickel carbonyl
 P074. Nickel cyanide
 P075. Nicotine and salts
 P076. Nitrile oxide
 P077. p-Nitroaniline
 P078. Nitrogen dioxide
 P079. Nitrogen peroxide
 P080. Nitrogen tetroxide
 P081. Nitroglycerine (R)
 P082. N-Nitrosodimethylamine
 P083. N-Nitrosodiphenylamine
 P084. N-Nitrosomethylvinylamine
 NYLUMERATE see P062
 OCTALOX see P037
 P085. Octamethylpyrophosphoramide
 OCTAN see P062
 P086. Oleyl alcohol condensed with 2 moles ethylene
 oxide
 OMPA see P065
 OMPACIDE see P065
 OMPAX see P065
 P087. Osmium tetroxide
 P088. 7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid
 PANVARFIN see P001
 PANORAM D-31 see P037
 PANTHERINE see P007
 PANWARFIN see P001
 P089. Parathion
 PCP see P060
 PENNCAP-M see P071
 PENOXYL CARBON N see P048
 P090. Pentachlorophenol
 Pentachlorophenolate see P060
 PENTA-KILL see P060
 PENTASOL see P060
 PENWAR see P060
 PERMIGIDE see P060
 PERMAGUARD see P060
 PERMATOX see P060
 PERMITE see P060
 PERTOX see P060
 PESTOX III see P065
 PHENMAD see P062
 PHENOTAN see P020
 P091. Phenyl dichloroarsine
 Phenyl mercaptan see P014
 P092. Phenylmercury acetate
 P093. N-Phenylthiourea
 PHILIPS 1661 see P066
 PHOX see P062
 P094. Phorate
 P095. Phosgene
 P096. Phosphine
 P097. Phosphorothioic acid, O,O-dimethyl ester, O-ester
 with N,N-dimethyl benzene sulfonamide
 Phosphorothioic acid, O,O-dimethyl-O-(p-nitro-
 phenyl) ester see P071
 PIED PIPER MOUSE SEED see P108
 P098. Potassium cyanide
 P099. Potassium silver cyanide
 PREMERGE see P020
 P100. 1,2-Propenediol
 Propargyl alcohol see P102
 P101. Propionitrile

P102. 2-Propyn-1-ol
 PROTHROMADIN see P001
 QUICKSAM see P062
 QUINTOX see P037
 RAT AND MICE BAIT see P001
 RAT-A-WAY see P001
 RAT-B-GON see P001
 RAT-O-CIDE #2 see P001
 RAT-GUARD see P001
 RAT-KILL see P001
 RAT-MIX see P001
 RATS-NO-MORE see P001
 RAT-OLA see P001
 RATORTEX see P001
 RATTUNAL see P001
 RAT-TROL see P001
 RO-DETH see P001
 RO-DEX see P106
 ROSEX see P001
 ROUGH & READY MOUSE MIX see P001
 SANASEED see P106
 SANTOSRITE see P060
 SANTOPHEN see P060
 SANTOPHEN 20 see P060
 SCHRADAN see P065
 P103. Selenium
 P104. Silver Cyanide
 SMITE see P106
 SPARIC see P020
 SPOR-KIL see P062
 SPRAY-TROL BRAND RODEN-TROL see P001
 SPURGE see P020
 P105. Sodium azide
 Sodium coumadin see P001
 Sodium cyanide
 Sodium fluoracetate see P066
 SODIUM WARFARIN see P001
 SOLFARIN see P001
 SOLFOBLACK 68 see P048
 SOLFOBLACK 88 see P048
 P107. Strontium sulfide
 P108. Strychnine and salts
 SUBTEX see P020
 SYSTAM see P065
 TAG FUNGICIDE see P062
 TEKWAISA see P071
 TEMIC see P070
 TEMIK see P070
 TERM-4-TROL see P060
 P109. Tetraethylthiopyrophosphate
 P110. Tetraethyl lead
 P111. Tetraethylpyrophosphate
 P112. Tetranitromethane
 Tetraphosphoric acid, hexaethyl ester see P062
 TETROSULFUR BLACK PS see P048
 TETROSULPHUR PSR see P048
 P113. Thallic oxide
 Thallium peroxide see P113
 P114. Thallium selenite
 P115. Thallium (I) sulfate
 THIFOR see P062
 THIMUL see P062
 THIOCAN see P060
 THIOFOR see P060
 THIONUL see P060
 THIONEX see P060
 THOPHENIT see P071
 P116. Thiosemicarbazide
 Thiosulfon isonol see P060
 P117. Thiuron
 THOMPSON'S WOOD FIX see P060
 TIOVEL see P060
 P118. Trichloromethaneethiol
 TWIN LIGHT RAT AWAY see P001
 USAF RH-8 see P060
 USAF EK-4880 see P002
 P119. Vanadic acid, ammonium salt

P120. Vanadium pentoxide
 VOFATOX see P071
 WANADU see P120
 WARCOUNIN see P001
 WARFARIN SODIUM see P001
 WARFICIDE see P001
 WOFOTOX see P072
 YANOCK see P057
 YASOKNOCK see P066
 ZIARNIK see P062
 P121. Zinc cyanide
 P122. Zinc phosphide (R,T)
 ZOCCOUMARIN see P001

*The Agency included those trade names of which it was aware; an omission of a trade name does not imply that the omitted material is not hazardous. The material is hazardous if it is listed under its generic name.

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
POLICY AND PROCEDURES

P & P No.

70-4000

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Effective Date

April 30, 1984

SUBJECT

LIQUID TOXIC & HAZARDOUS SUBSTANCES USED
FOR DEPARTMENT MATERIALS TESTING

Supersedes P & P No.

N/A

Dated

N/A

APPROVED BY

[Signature] 4/30/84

DIVISION Statewide Programs SECTION Standards and Technical Services CHAPTER TITLE Toxic and Hazardous Substances

The commercial chemical products or manufacturing chemical intermediates

are identified as toxic wastes (T) unless otherwise designated and are subject to the small quantity exclusion defined in § 261.5 (a) and (b). These wastes and their corresponding EPA Hazardous Waste Numbers are:

55. Cumene	U134. Hydrofluoric acid (C,T)
56. Cyanomethane see U003	U135. Hydrogen sulfide
57. Cyclohexane (f)	Hydroxybenzene see U188
57. Cyclohexanone (f)	U136. Hydroxydimethyl amine oxide
58. Cyclophosphamide	4,4'-(imidocarbonyl)bis(N,N-dimethyl)aniline see U014
59. Daunomycin	U137. Indeno(1,2,3-cd)pyrene
60. DCO	U138. Iodomethane
U061. DOT	U139. Iron Dextran
U062. Diallate	U140. Isobutyl alcohol
U063. Dibenz(a,h)anthracene	U141. Isosakrole
Dibenz(a,h)anthracene see U063	U142. Kepone
U064. Dibenz(a,j)pyrene	U143. Lascocarpine
U065. Dibromochloromethane	U144. Lead acetate
U066. 1,2-Dibromo-3-chloropropane	U145. Lead phosphate
U067. 1,2-Dibromomethane	U146. Lead subacetate
U068. Dibromomethane	U147. Maleic anhydride
U069. Di-n-butyl phthalate	U148. Maleic hydrazide
U070. 1,2-Dichlorobenzene	U149. Malononitrile
U071. 1,3-Dichlorobenzene	MEK Peroxide see U160
U072. 1,4-Dichlorobenzene	U150. Melphalan
U073. 3,3'-Dichlorobenzidine	U151. Mercury
U074. 1,4-Dichloro-2-butene	U152. Methacrylonitrile
3,3'-Dichloro-4,4'-diaminobiphenyl see U073	U153. Methanethiol
U075. Dichlorodifluoromethane	U154. Methanol
U076. 1,1-Dichloroethane	U155. Methapyrilone
U077. 1,2-Dichloroethane	Methyl alcohol see U154
U078. 1,1-Dichloroethylene	Methyl chloroacetate
U079. 1,2-trans-dichloroethylene	Methyl chloroform see U226
U080. Dichloromethane	3-Methylcholanthrene
Dichloromethylbenzene see U017	Methyl chloroformate see U156
U081. 2,4-Dichlorophenol	U158. 4,4'-Methylene-bis-(2-chloroaniline)
U082. 2,6-Dichlorophenol	Methyl ethyl ketone (MEK) (f,T)
U083. 1,2-Dichloropropane	U159. Methyl ethyl ketone peroxide (R)
U084. 1,3-Dichloropropane	Methyl iodide see U138
U085. Diisopropylamine (f,T)	U161. Methyl isobutyl ketone
U086. 1,2-Diethylnitroazirine	Methyl methacrylate (R,T)
U087. 2,0-Diethyl-S-methyl ester of phosphorothioic acid	U162. N-Methyl-N'-nitro-N-nitrosoguanidine
U088. Diethyl phthalate	U163. Methylnitrosourea
U089. Diethylstilbestrol	U164. Mitomycin C see U010
U090. Dihydrostilbene	U165. Naphthalene
U091. 3,3'-Dimethoxybenzidine	U166. 1,4-Naphthoquinone
U092. Dimethylamine (f)	U167. 1-Naphthylamine
p-Dimethylaminobenzene	U168. 2-Naphthylamine
U094. 7,12-Dimethylbenz(a)anthracene	U169. Nitrobenzene (f,T)
U095. 3,3'-Dimethylbenzidine	Nitrobenzol see U169
U096. alpha,alpha-Dimethylbenzylhydroperoxide (R)	U170. 4-Nitrophenol
U097. Dimethylcarbamoyl chloride	U171. 2-Nitropropane (f)
U098. 1,1-Dimethylhydrazine	U172. N-Nitrosod-n-butylamine
U099. 1,2-Dimethylhydrazine	U173. N-Nitrosodisethanolamine
U100. Dimethylnitrosamine	U174. N-Nitrosodimethylamine
U101. 2,4-Dimethylphenol	U175. N-Nitrosod-n-propylamine
U102. Dimethyl phthalate	U176. N-Nitroso-n-ethylurea
U103. Dimethyl sulfate	U177. N-Nitroso-n-methylurea
U104. 2,4-Dinitrophenol	U178. N-Nitroso-n-methylurethane
U105. 2,4-Dinitrotoluene	U179. N-Nitrosopiperidine
U106. 2,6-Dinitrotoluene	U180. N-Nitrosopyrrolidine
U107. Di-n-octyl phthalate	U181. 5-Nitro-o-toluidine
U108. 1,4-Dioxane	U182. Paraldehyde
U109. 1,2-Diphenylhydrazine	PCNB see U185
U110. Dipropylamine (f)	U183. Pentachlorobenzene
Di-n-propylnitrosamine	U184. Pentachloroethane
EBDC see U114	U185. Pentachloronitrobenzene
1,4-Epoxybutane see U213	U186. 1,3-Pentadiene (f)
U112. Ethyl acetate (f)	Pere see U210
U113. Ethyl acrylate (f)	Pentachloroethylene see U210
U114. Ethylenedisithiocarbamate	U187. Phenacetin
U115. Ethylene oxide (f,T)	U188. Phenol
U116. Ethylene thiourea	U189. Phosphorous sulfide (R)
U117. Ethyl ether (f,T)	U190. Phthalic anhydride
U118. Ethylmethacrylate	U191. 2-Picoline
U119. Ethyl methanesulfonate	U192. Pronamide
Ethynitrile see U003	U193. 1,3-Propane sulfone
Firemaster T23P see U235	U194. n-Propylamine (f)
U120. Fluoranthene	U195. Pyridine
U121. Fluorochloromethane	U197. Quinones
U122. Formaldehyde	U200. Reserpine
U123. Formic acid (C,T)	U201. Resorcinol
U124. Furan (f)	U202. Saccharin
U125. Furfural (f)	U203. Salrole
U126. Glycidylaldehyde	U204. Selenious acid
U127. Hexachlorobenzene	U205. Selenium sulfide (R,T)
U128. Hexachlorobutadiene	Silver see U233
U129. Hexachlorocyclohexane	U206. Streptozotocin
U130. Hexachlorocyclopentadiene	2,4,5-T see U232
U131. Hexachloroethane	U207. 1,2,4,5-Tetrachlorobenzene
U132. Hexachlorophene	U208. 1,1,1,2-Tetrachloroethane
U133. Hydrazine (R,T)	U209. 1,1,2,2-Tetrachloroethane

Hazardous Waste No.	Substance
U001. AAF see U005	
U002. Acetaldehyde	
U003. Acetone (f)	
U004. Acetonitrile (f,T)	
U005. Acetophenone	
U006. 2-Acetylaminofluorene	
U007. Acetyl chloride (C,T)	
Acrylamide	
Acetylene tetrachloride see U209	
Acetylene trichloride see U228	
U008. Acrylic acid (f)	
U009. Acrylonitrile	
AEROTHENE TT see U226	
3-Amino-5-(p-acetamidophenyl)-1H-1,2,4-triazole, hydrate see U011	
U010. 6-Amino-1,1a,2,8,8a,8b-hexahydro-8-(hydroxymethyl)-8-methoxy-5-methylcarbamate azirino(2',3'-3,4) pyrrolo(1,2-a) indole-4, 7-dione (ester)	
U011. Anitrole	
U012. Aniline (f)	
U013. Asbestos	
U014. Auramine	
U015. Azaserine	
U016. Benz(c)acridine	
U017. Benzal chloride	
U018. Benz(a)anthracene	
U019. Benzene	
U020. Benzeneazofluoride chloride (C,R)	
U021. Benzidine	
1,2-Benzisothiazolin-3-one, 1,1-dioxide see U202	
Benzo(a)anthracene see U018	
U022. Benzo(a)pyrene	
U023. Benzochloride (C,R,T)	
U024. Bis(2-chloroethoxy)methane	
U025. Bis(2-chloroethyl) ether	
U026. N,N-Bis(2-chloroethyl)-2-naphthylamine	
U027. Bis(2-chloropropyl) ether	
U028. Bis(2-ethoxyethyl) phthalate	
U029. Bromomethane	
U030. 4-Bromophenyl phenyl ether	
U031. n-Butyl alcohol (f)	
U032. Calcium chromate	
Carbolic acid see U188	
Carbon tetrachloride see U211	
U033. Carbonyl fluoride	
U034. Chloral	
U035. Chlorambucil	
U036. Chlorane	
U037. Chlorobenzene	
U038. Chlorobenzilate	
U039. p-Chloro-m-cresol	
U040. Chlorodibromomethane	
U041. 1-Chloro-2,3-epoxypropane	
CHLOROETHENE NU see U226	
U042. Chloroethyl vinyl ether	
U043. Chloroethane	
U044. Chloroform (f,T)	
U045. Chloromethane (f,T)	
U046. Chloromethyl methyl ether	
U047. 2-Chloronaphthalene	
U048. 2-Chlorophenol	
U049. 4-Chloro-o-toluidine hydrochloride	
U050. Chrysene	
C.I. 23060 see U073	
U051. Cresote	
U052. Cresols	
U053. Crotonaldehyde	
U054. Cresylic acid	

STATE OF ALASKA
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P & P No. 70-4000	Page 9 OF 9
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APPROVED BY <i>Don Koller 4/30/84</i>	

SUBJECT
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FOR DEPARTMENT MATERIALS TESTING

DIVISION Statewide Programs	SECTION Standards and Technical Services	CHAPTER TITLE Toxic and Hazardous Substances
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- U210. Tetrachloroethane
- U211. Tetrachloroethylene see U210
- U212. Tetrachloromethane
- U213. 2,3,4,6-Tetrachlorophenol
- U214. Tetrahydrofuran (I)
- U215. Thallium (I) acetate
- U216. Thallium (I) carbonate
- U217. Thallium (I) chloride
- U218. Thallium (I) nitrate
- U219. Thiocacetamide
- U220. Thiourea
- U221. Toluene
- U222. Toluenediamine
- U223. o-Toluidine hydrochloride
- U224. Toluene diisocyanate
- U225. Toxaphene
- U226. 2,4,5-TP see U223
- U227. Trichloromethane
- U228. 1,1,1-Trichloroethane
- U229. 1,1,2-Trichloroethane
- U230. Trichloroethene
- U231. Trichloroethylene see U228
- U232. Trichlorofluoromethane
- U233. 2,4,5-Trichlorophenol
- U234. 2,4,6-Trichlorophenol
- U235. 2,4,5-Trichlorophenoxyacetic acid
- U236. 2,4,5-Trichlorophenoxypropionic acid alpha, alpha, alpha-Trichlorotoluene see U233
- U237. TRI-CLENE see U228
- U238. Trinitrobenzene (R,T)
- U239. Tris(2,3-dibromopropyl) phosphate
- U240. Trypan blue
- U241. Uracil mustard
- U242. Urethane
- U243. Vinyl chloride see U043
- U244. Vinylidene chloride see U078
- U245. Xylene

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